

INTRODUCING

STACKED QSFP-DD 112G CONNECTORS AND CAGES

- TE's next generation QSFP-DD products are aligned with the industry's 112G channel performance needs on signal integrity performance.
- QSFP-DD cages are fully backwards compatible, providing an upgrade path from existing QSFP solutions - allowing an economical path to upgrade to 112G operations.



TE Connectivity (TE) stacked quad small form factor pluggable double density (QSFP-DD) 112G connectors and cages are the next generation of data infrastructure interconnect solutions to support high density data centers, cloud computing, and artificial intelligence operations. Stacked QSFP-DD 112G solutions enable operations at 112G PAM4 speeds and are built to mechanical and performance standards developed by companies under a QSFP-DD multi-source agreement (MSA). TE offers a complete vertically integrated manufacturing solution, with expertise in both connector and thermal development.

APPLICATIONS

Data Centers and Networking

- Artificial Intelligence (AI) / Machine Learning
- 5G Infrastructure
- Cloud Computing
- Data Center Servers and Networking Equipment
- Telecommunications

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KEY BENEFITS

- Compliant to QSFP-DD MSA specification and IEEE 802.3ck specification signal integrity performance.
- Increased data rates – supporting aggregate data rates of 800 Gbps per port.
- Cages support customized and integrated heat sink designs for increased thermal performance.
- Backwards compatible from existing QSFP solutions – allowing for a seamless upgrade to 112G operations.
- Both design customization and manufacturer supported, allowing for vertical supply chain integration which helps to reduce risk through single source procurement.